

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	2	("5949408").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L2	2	("6897882").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L3	2	("20030197679").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L4	2	("6429860").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L5	0	((("6278466B1") or ("US20010018858A1") or ("US5973664A") or ("US5949408A") or ("US6897882B1") or ("US20040027392A1") or ("US20030197679A1") or ("US6396506B1") or ("US6654506B1") or ("US20020093531A1") or ("US20030084096A1") or ("US20040160427A1") or ("US6310648B1") or ("US20030110234A1") or ("US20020054158A1") or ("US20020092029A1") or ("US20010011993A1"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L6	0	("6278466B1").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43

## EAST Search History

L7	2	("6278466").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L8	2	("20010018858").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L9	2	("20050229111").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L10	2	("20040111672").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L11	4	("2004021595").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L12	2	("20040201595").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L13	2	("5536930").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L14	2	("6937281").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43

## EAST Search History

L15	2	("6137468").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L16	13124	orientation and (first adj2 part) and (second adj2 part)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 10:43
L17	10078	L16 and @ad <= "20031231"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 10:43
L18	1	L17 and (automati\$5 adj2 relative) adj3 display	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 10:43
L19	12	L17 and (automati\$5 adj2 relative)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 10:43
L20	387	L17 and (chang\$5 adj5 location)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 10:43
L21	282	L20 and automatical\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 10:43
L22	38	L21 and (GUI)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 10:43

## EAST Search History

L23	38	L22 and display	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 10:43
L24	32	L23 and change adj6 information	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 10:43
L25	0	((("6278466B1") or ("US20010018858A1") or ("US5973664A") or ("US5949408A") or ("US6897882B1") or ("US20040027392A1") or ("US20030197679A1") or ("US6396506B1") or ("US6654506B1") or ("US20020093531A1") or ("US20030084096A1") or ("US20040160427A1") or ("US6310648B1") or ("US20030110234A1") or ("US20020054158A1") or ("US20020092029A1") or ("US20010011993A1"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L26	0	("6278466B1").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L27	13124	orientation and (first adj2 part) and (second adj2 part)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 10:43
L28	10078	L27 and @ad <= "20031231"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 10:43
L29	387	L28 and (chang\$5 adj5 location)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 10:43

## EAST Search History

L30	282	L29 and automatical\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 10:43
L31	38	L30 and (GUI)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 10:43
L32	38	L31 and display	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 10:43
L33	1	L28 and (automati\$5 adj2 relative) adj3 display	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 10:43
L34	2	("5949408").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L35	2	("6897882").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L36	2	("20030197679").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L37	2	("6429860").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43

## EAST Search History

L38	2	("6278466").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L39	2	("20010018858").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L40	2	("20050229111").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L41	2	("20040111672").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L42	4	("2004021595").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L43	2	("20040201595").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L44	2	("5536930").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L45	2	("6937281").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43

## EAST Search History

L46	2	("6137468").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L47	12	L28 and (automati\$5 adj2 relative)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 10:43
L48	32	L32 and change adj6 information	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 10:43
L49	2	("6278466").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L50	2	("5818420").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L51	2	("6115025").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L52	2	("5774233").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L53	2	("5566098").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43

## EAST Search History

L54	2	("5329289").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L55	2	("5134390").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L56	13124	orientation and (first adj2 part) and (second adj2 part)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 10:43
L57	0	((("6278466B1") or ("US20010018858A1") or ("US5973664A") or ("US5949408A") or ("US6897882B1") or ("US20040027392A1") or ("US20030197679A1") or ("US6396506B1") or ("US6654506B1") or ("US20020093531A1") or ("US20030084096A1") or ("US20040160427A1") or ("US6310648B1") or ("US20030110234A1") or ("US20020054158A1") or ("US20020092029A1") or ("US20010011993A1"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L58	0	("6278466B1").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L59	10078	L56 and @ad <= "20031231"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 10:43
L60	387	L59 and (chang\$5 adj5 location)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 10:43



## EAST Search History

L61	282	L60 and automatical\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 10:43
L62	38	L61 and (GUI)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 10:43
L63	2	("5949408").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L64	2	("20010018858").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L65	2	("20030197679").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L66	38	L62 and display	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 10:43
L67	0	((("6278466B1") or ("US20010018858A1") or ("US5973664A") or ("US5949408A") or ("US6897882B1") or ("US20040027392A1") or ("US20030197679A1") or ("US6396506B1") or ("US6654506B1") or ("US20020093531A1") or ("US20030084096A1") or ("US20040160427A1") or ("US6310648B1") or ("US20030110234A1") or ("US20020054158A1") or ("US20020092029A1") or ("US20010011993A1"))).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43

## EAST Search History

L68	0	("6278466B1").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L69	13124	orientation and (first adj2 part) and (second adj2 part)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 10:43
L70	10078	L69 and @ad <= "20031231"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 10:43
L71	387	L70 and (chang\$5 adj5 location)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 10:43
L72	282	L71 and automatical\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 10:43
L73	38	L72 and (GUI)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 10:43
L74	38	L73 and display	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 10:43
L75	1	L59 and (automati\$5 adj2 relative) adj3 display	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 10:43

## EAST Search History

L76	1	L70 and (automati\$5 adj2 relative) adj3 display	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 10:43
L77	2	("20050229111").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L78	2	("5536930").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L79	2	("6137468").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L80	12	L59 and (automati\$5 adj2 relative)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 10:43
L81	32	L66 and change adj6 information	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 10:43
L82	2	("20040201595").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L83	2	("20040111672").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43

## EAST Search History

L84	2	("6897882").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L85	2	("20030197679").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L86	2	("6429860").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L87	2	("6278466").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L88	4	("2004021595").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L89	2	("6937281").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L90	2	("5536930").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L91	2	("6937281").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43

## EAST Search History

L92	2	("6137468").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L93	12	L70 and (automati\$5 adj2 relative)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 10:43
L94	2	("6278466").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L95	2	("5949408").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L96	2	("6429860").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L97	2	("6278466").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L98	2	("20010018858").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L99	2	("20050229111").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43

## EAST Search History

L100	2	("20040111672").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L101	4	("2004021595").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L102	2	("6897882").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L103	32	L74 and change adj6 information	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2007/03/12 10:43
L104	2	("20040201595").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L105	2	("6115025").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L106	2	("5566098").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L107	2	("5329289").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43

## EAST Search History

L108	2	("5818420").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L109	2	("5774233").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43
L110	2	("5134390").PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2007/03/12 10:43